

<u>CODE NO.</u>	<u>ITEM</u>	<u>UNIT</u>	<u>QUANTITY</u>
20100500	TREE REMOVAL, ACRES	ACRE	0.1
20200100	EARTH EXCAVATION	CU YD	1002
20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	80
20300100	CHANNEL EXCAVATION	CU YD	136
20400800	FURNISHED EXCAVATION	CU YD	1405
25000200	SEEDING, CLASS 2	ACRE	0.8
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72
25100115	MULCH METHOD 2	ACRE	0.8
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	196
28000500	INLET AND PIPE PROTECTION	EACH	1
28100107	STONE RIPRAP, CLASS A4	SQ YD	246
28200100	FILTER FABRIC FOR USE WITH RIPRAP	SQ YD	246
31000600	PROCESSING LIME STABILIZED SOIL MIXTURE 12"	SQ YD	2314
35101400	AGGREGATE BASE COURSE, TYPE B	TON	53
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1300
40600300	AGGREGATE (PRIME COAT)	TON	5
48101200	AGGREGATE SHOULDERS, TYPE B	TON	391
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	24.4
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1663
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2530
50900450	STEEL RAILING, TYPE WT	FOOT	111
51201000	FURNISHING METAL PILE SHELLS 12"	FOOT	426
51202600	DRIVING AND FILLING SHELLS	FOOT	426
51203200	TEST PILE METAL SHELLS	EACH	1
51500100	NAME PLATES	EACH	1
542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	50
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	185
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	499
60100985	PIPE DRAINS 24"	FOOT	62
63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	100
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	258
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	730
XX004949	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE	TON	17
Z0013825	CONTROLLED LOW STRENGTH MATERIAL	CU YD	17
67100100	MOBILIZATION	L Sum	1

GRANULAR MATERIALS	2.05	TONS/CU. YD.
BITUMINOUS MATERIALS-PRIME COAT	0.50	GALS./S. Y.
BITUMINOUS MATERIALS-FOG COAT	0.03	GALS./S. Y.
AGGREGATE PRIME COAT	2.4	LBS./S. Y.
BITUMINOUS CONCRETE	112	LBS./S. Y./INCH
NITROGEN FERTILIZER NUTRIENT	90	LBS./ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS./ACRE
MULCH METHOD 2	2	TONS/ACRE



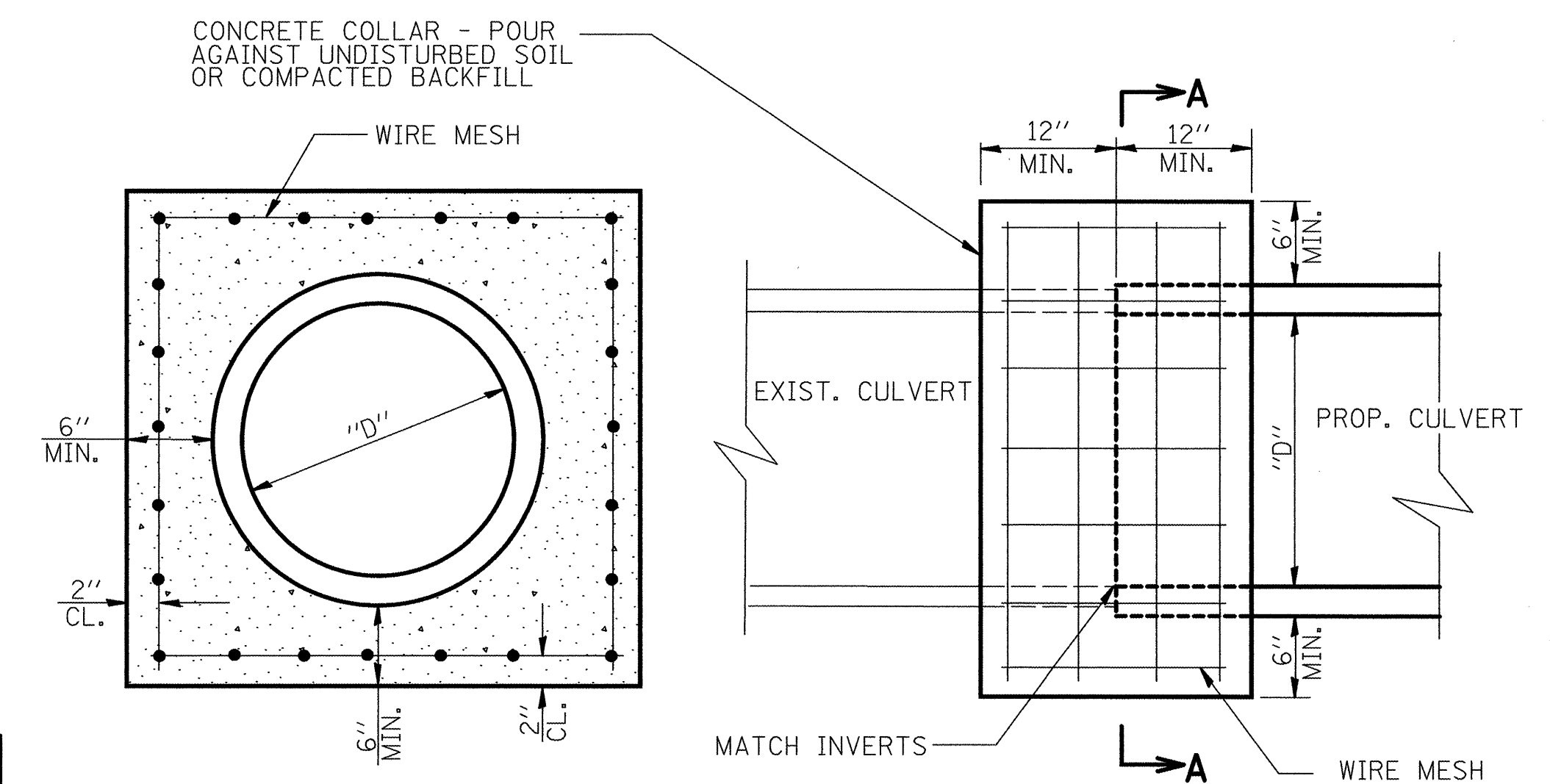
LOCATION	CH 39	CH 39
MIX USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %	25	15
DESIGN VOIDS	4.0 @ N=50	4.0 @ N=50
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-19.0	IL-9.5
FRICTION	N/A	MIX C

LOCATION	"D"	CONCRETE COLLAR
±15+62.0, 24' RT.	*24"	0.54 CU. YDS.
TOTAL		0.54 CU. YDS.

PAVEMENT STRUCTURE MATERIALS;  
BITUMINOUS SURFACE COURSE;  $a_1 = 0.40$   
BITUMINOUS BINDER COURSE;  $a_2 = 0.40$   
LIME STABILIZED SOIL;  $a_3 = 0.11$

LOCATION	PR LIM STAB SOIL M 12 (SQ YD)	BIT MATLS PR CT (GAL.)	AGG PR CT (TON)	BIT BINDER CSE 6" (TON)	BIT SURFACE CSE 2" (TON)	AGG SHLDS TY B (TON)	INCIDENTAL BIT SURF. CSE 2" (TON)	AGG BASE CSE 6" (TON)
M.L. STA. 11+45.11 TO STA. 14+68.86	875	462	2	276	89	138		
M.L. STA. 15+26.04 TO STA. 20+58.41	1439	760	3	454	147	253		
C.E. AT STA. 12+73.66		78					17	53
TOTALS	2314	1300	5	730	236	391	17	53

### PROPOSED MAINLINE TYPICAL SECTION



Date	Designed DCS	C.H. 39 OVER SPRING CREEK SECTION 01-00158-00-BR MACON COUNTY STA. 14+97.45 PROP. STR. NO. 058-3359
Revisions	Drawn BKN	
	Checked DCS	
	Approved KWB	
Prepared by: <b>URS</b> 3040 North University Avenue Decatur, IL 62526		WVP Job No. 2100001426.01